



# COOL-LITE® SKN 176 & 176 II

*Neutral, selective and high performing,  
solar control glass*



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COOL-LITE® SKN 176 (II) is part of the Saint-Gobain Glass range of COOL-LITE® solar control coatings with high light transmission (TL=70% in DGU) combined with a low solar factor (37%); offering high selectivity.

COOL-LITE® SKN 176 (II) is a selective, solar control glass with leading aesthetics. A product that provides a solution for commercial and high end residential buildings, that demand high performance glazing.



 **Calumen®**  
Saint-Gobain Glass®  
Glazing Configurator.



## BENEFITS

COOL-LITE® SKN 176 (II) balances the advantages of a high performance neutral solar control product with:

- High light transmission 70%
- Low g-value of 0.37
- Excellent U-value of 1.0W/m²K
- High degree of neutrality.

COOL-LITE® SKN 176 (II) can be used to create more comfortable interiors by reducing overheating and the need for costly air-conditioning, whilst at the same time noticeably reducing excessive heat loss.

The high light transmittance also reduces the requirement for interior lighting during daylight hours, helping reduce energy costs even further.

## PROCESSING

- COOL-LITE® SKN 176 (II) can be supplied to be tempered or annealed. Where the product name includes “II”, this denotes that the coated glass must be heat treated, i.e. thermally toughened or heat-strengthened.
- COOL-LITE® SKN 176 (II) can be assembled into an insulated glazed unit with the coating on face 2. Edge deletion is required.
- COOL-LITE SKN 176 can be laminated with the coating not in contact with the interlayer. STADIP®, STADIP® PROTECT and STADIP® SILENCE are Saint-Gobain laminated glass technologies.
- COOL-LITE® SKN 176 II is supplied with EASYPRO®.

## PERFORMANCE

	Ug-Value* (W/m²K)	Light Transmission TL** [%]	Solar Factor (g-Value)** [%]	Outside Reflection** [%]	Inside Reflection** [%]
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Standard DGU build-up 6/16/4 mm – coating on face 2, 90% Argon

COOL-LITE® SKN 176 II (on PLANICLEAR® OR ORAÉ®)	1.0	70	37	13	15
COOL-LITE® SKN 076 II (on DIAMANT®)	1.0	71	38	15	15

\*according to EN673 \*\*according to EN410

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